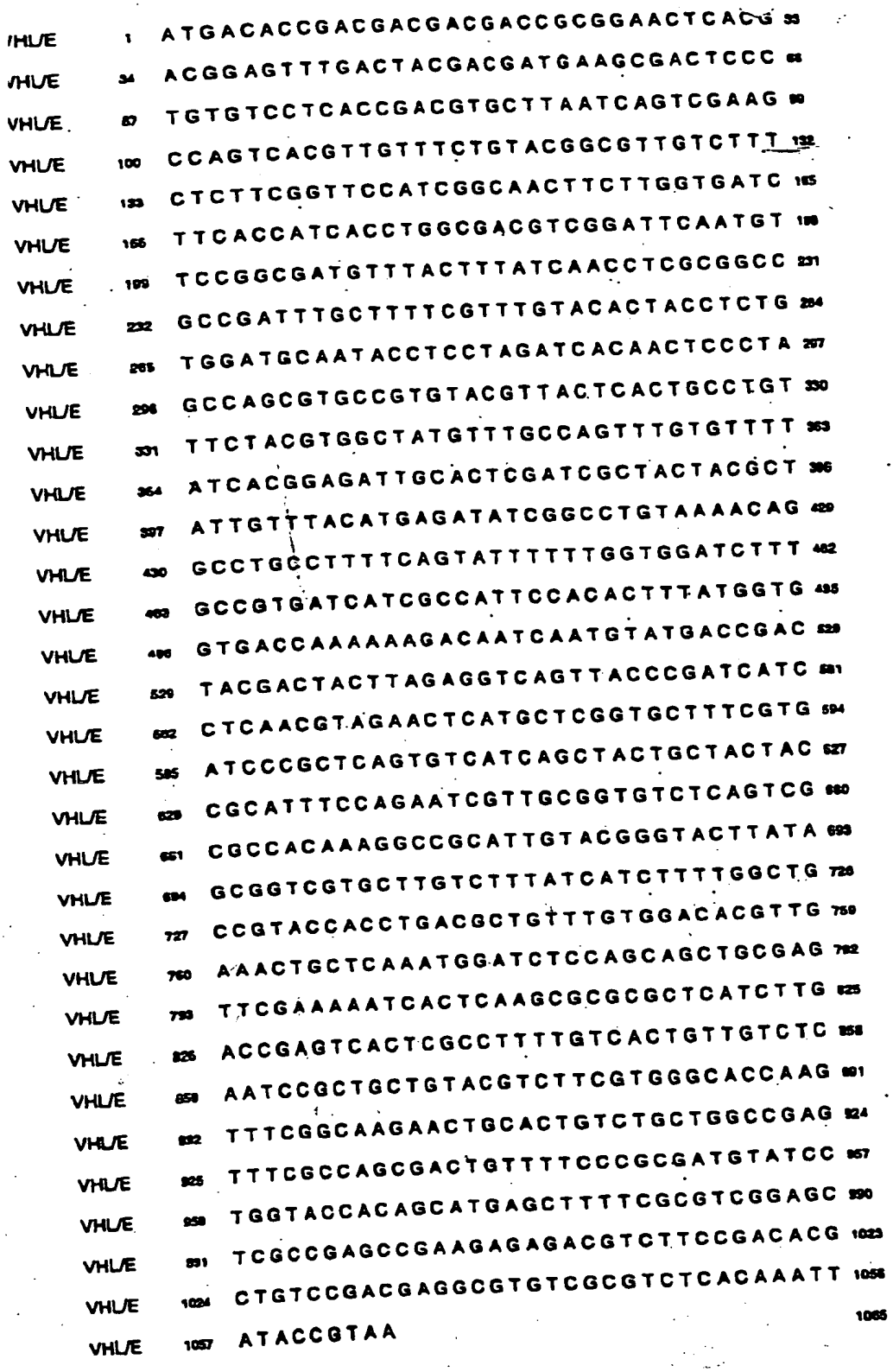
VHL/E 1 ATGACACCGACGACGACGACCGCGGAACTCACG 33
VHL/E 34 ACGGAGTTTGACTACGACGATGAAGCGACTCCC 66
VHL/E 67 TGTGTCCTCACCGACGTGCTTAATCAGTCGAAG 99
VHL/E 100 CCAGTCACGTTGTTTCTGTACGGCGTTGTCTTT 132
VHL/E 133 CTCTTCGGTTCCATCGGCAACTTCTTGGTGATC 165
VHL/E 166 TTCACCATCACCTGGCGACGTCGGATTCAATGT 198
VHL/E 199 TCCGGCGATGTTTACTTTATCAACCTCGCGGCC 231
VHL/E 232 GCCGATTTGCTTTTCGTTTGTACACTACCTCTG 264
VHL/E 265 TGGATGCAATACCTCCTAGATCACAACTCCCTA 297
VHL/E 298 GCCAGCGTGCCGTGTACGTTACTCACTGCCTGT 330
VHL/E 331 TTCTACGTGGCTATGTTTGCCAGTTTGTGTTTT 363
VHL/E 364 ATCACGGAGATTGCACTCGATCGCTACTACGCT 396
VHL/E 397 ATTGTTTACATGAGATATCGGCCTGTAAAACAG 429
VHL/E 430 GCCTGCCTTTTCAGTATTTTTTGGTGGATCTTT 462
VHL/E 463 GCCGTGATCATCGCCATTCCACACTTTATGGTG 495
VHL/E 496 GTGACCAAAAAAGACAATCAATGTATGACCGAC 528
VHL/E 529 TACGACTACTTAGAGGTCAGTTACCCGATCATC 561
VHL/E 562 CTCAACGTAGAACTCATGCTCGGTGCTTTCGTG 594
VHL/E 595 ATCCCGCTCAGTGTCATCAGCTACTGCTACTAC 627
VHL/E 628 CGCATTTCCAGAATCGTTGCGGTGTCTCAGTCG 660
VHL/E 661 CGCCACAAAGGCCGCATTGTACGGGTACTTATA 693
VHL/E 694 GCGGTCGTGCTTGTCTTTATCATCTTTTGGCTG 726
VHL/E 727 CCGTACCACCTGACGCTGTTTGTGGACACGTTG 759
VHL/E 760 AAACTGCTCAAATGGATCTCCAGCAGCTGCGAG 792
VHL/E 793 TTCGAAAAATCACTCAAGCGCGCGCTCATCTTG 825
VHL/E 826 ACCGAGTCACTCGCCTTTTGTCACTGTTGTCTC 858
VHL/E 859 AATCCGCTGCTGTACGTCTTCGTGGGCACCAAG 891
VHL/E 892 TTTCGGCAAGAACTGCACTGTCTGCTGGCCGAG 924
VHL/E 925 TTTCGCCAGCGACTGTTTTCCCGCGATGTATCC 957
VHL/E 958 TGGTACCACAGCATGAGCTTTTCGCGTCGGAGC 990
VHL/E 991 TCGCCGAGCCGAAGAGAGACGTCTTCCGACACG 1023
VHL/E 1024 CTGTCCGACGAGGCGTGTCGCGTCTCACAAATT 1056
VHL/E 1057 ATACCGTAA 1065

Fig. 1A

VHL/E 1 MTPTTTTAELTTEFDYDDEATPCVLTDVLNQSK 33

VHL/E 34 PVTLFLYGVVFLFGSIGNFLVIFTITWRRRIQC 68

VHL/E 67 SGDVYFINLAAADLLFVCTLPLWMQYLLDHNSL 99

VHL/E 100 ASVPCTLLTACFYVAMFASLCFITEIALDRYYA 132

VHL/E 133 IVYMRYRPVKQACLFSIFWWIFAVIIAIPHFMV 165

VHL/E 166 VTKKDNQCMTDYDYLEVSYPIILNVELMLGAFV 198

VHL/E 199 IPLSVISYCYYRISRIVAVSQSRHKGRIVRVLI 231

VHL/E 232 AVVLVFIIFWLPYHLTLFVDTLKLLKWISSSCE 264

VHL/E 265 FEKSLKRALILTESLAFCHCCLNPLLYVFVGTK 297

VHL/E 298 FRQELHCLLAEFRQRLFSRDVSWYHSMSFSRRS 330

VHL/E 331 SPSRRETSSDTLSDEACRVSQIIP 354

Fig. 1B

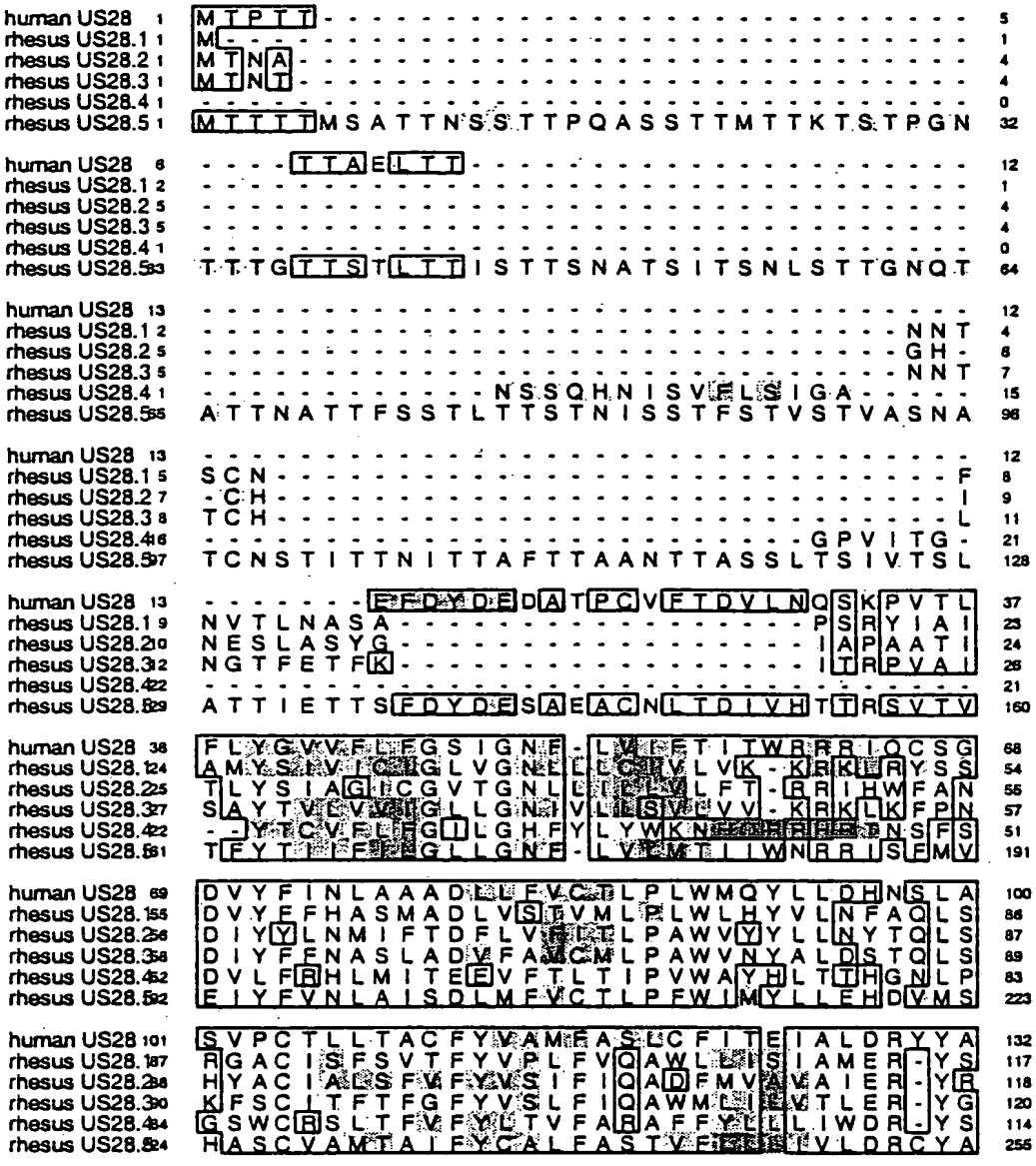

FIG. 2 (Page 1 of 2)

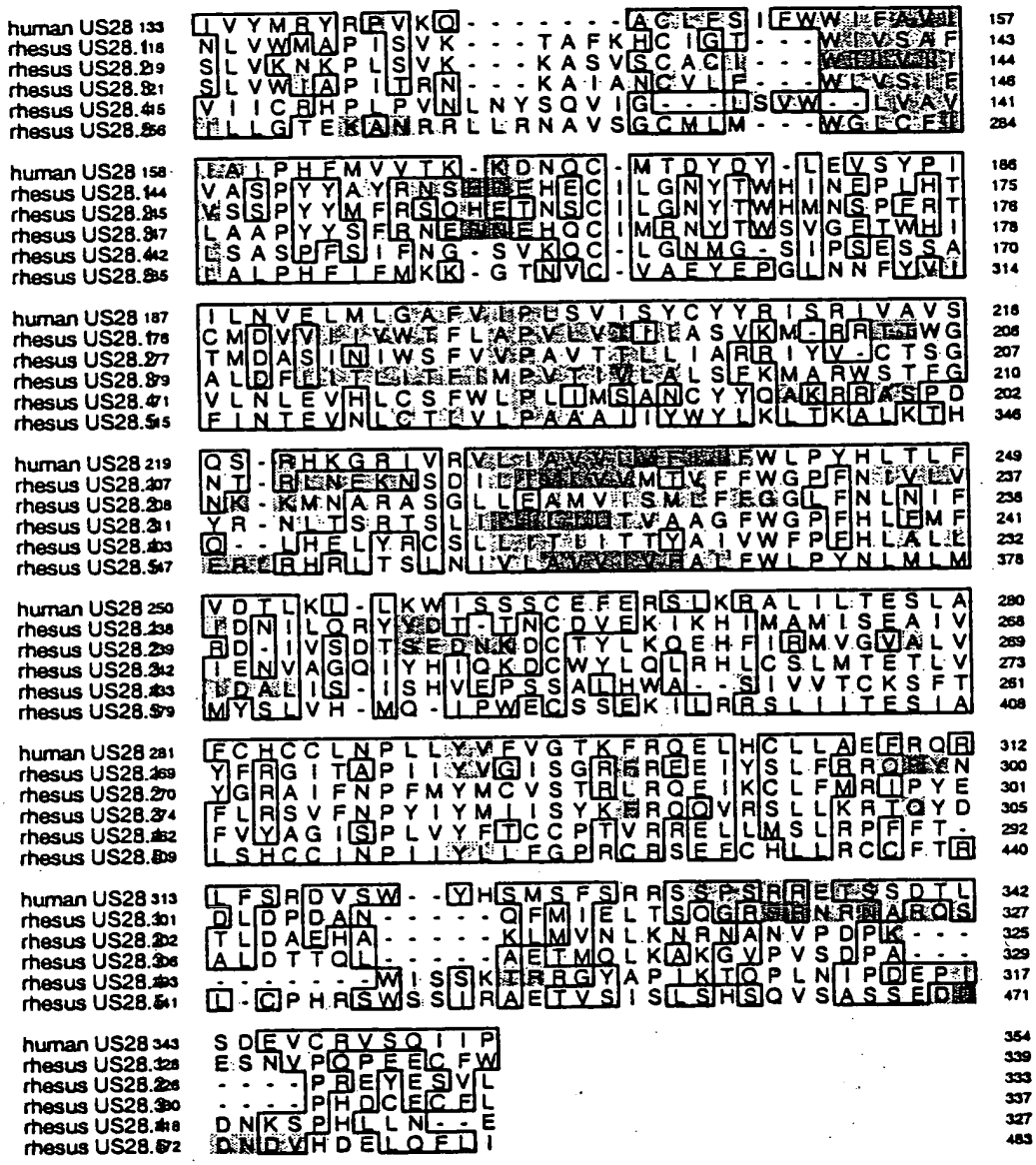

FIG. 2 (Page 2 of 2)

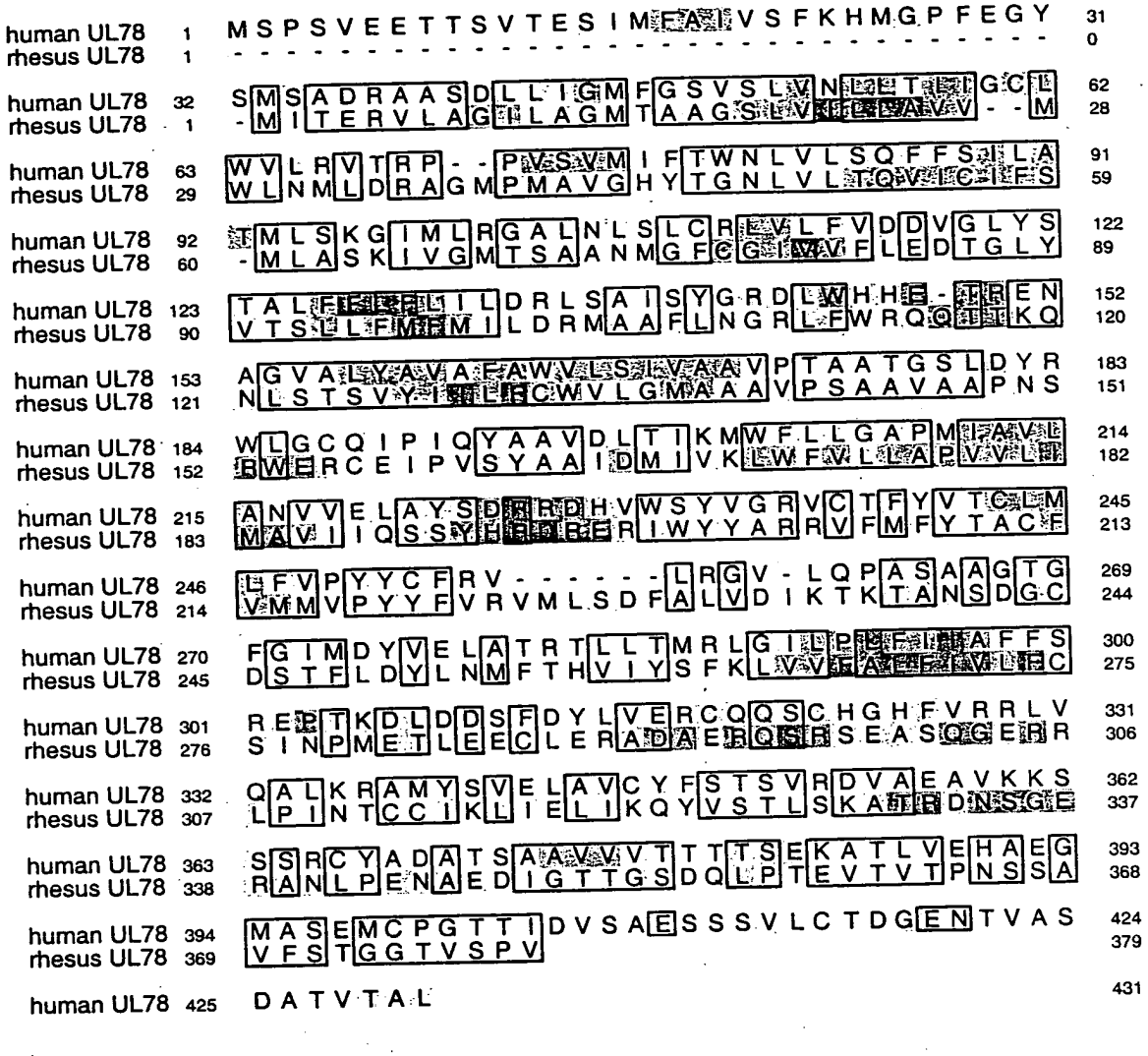
human UL78 1 MSPSVEETTSVTESIMEAIVSFKHMGPFEGY 31
rhesus UL78 1 ----------0
human UL78 32 SMSADRAASDLLIGMFGSVSLVNLETEIGCL 62
rhesus UL78 1 -MITERVLAGILAGMTAAGSLVIILVAVV--M 28
human UL78 63 WVLRVTRP--PVSVMIFTWNLVLSQFFSILA 91
rhesus UL78 29 WLNMLDRAGMPMAVGHYTGNLVLTQVICIFS 59
human UL78 92 TMLSKGIMLRGALNLSLCREVLFVDDVGLYS 122
rhesus UL78 60 -MLASKIVGMTSAANMGFCGIVAFLEDTGLY 89
human UL78 123 TALFIERLIILDRLSAISYGRDLWHHE-IREN 152
rhesus UL78 90 VTSLLFMMFMILDRMAAFLNGRLFWRQQIIKQ 120
human UL78 153 AGVALYAVAFAWVLSLVAAVPTAATGSLDYR 183
rhesus UL78 121 NLSTSVYIILHCWVLGMAAAVPSAAVAAPNS 151
human UL78 184 WLGCQIPIQYAAVDLTIKMWFLLGAPMIAAVL 214
rhesus UL78 152 RWERCEIPVSYAAIDMIVKLWFVLLAPVVLT 182
human UL78 215 ANVVELAYSDRRDHVWSYVGRVCTFYVTCLM 245
rhesus UL78 183 MAVIIQSSYHRREERIWYYARRVFMFYTACF 213
human UL78 246 LFVPYYCFRV------LRGV-LQPASAAGTG 269
rhesus UL78 214 VMMVPYYFVRVMLSDFALVDIKTKTANSDGC 244
human UL78 270 FGIMDYVELATRTLLTMRLGIDPFFIHAFFS 300
rhesus UL78 245 DSTFLDYLNMFTHVIYSFKLVVHAVFFLVLHC 275
human UL78 301 REPTKDLDDSFDYLVERCQQSCHGHFVRRLV 331
rhesus UL78 276 SINPMETLEECLERADAEDQSRSEASQGERR 306
human UL78 332 QALKRAMYSVELAVCYFSTSVRDVAEAVKKS 362
rhesus UL78 307 LPINTCCIKLIELIKQYVSTLSKATTRDNSGE 337
human UL78 363 SSRCYADATSAAVVTTTSEKATLVEHAEG 393
rhesus UL78 338 RANLPENAEDIGTTGSDQLPTEVTVTPNSSA 368
human UL78 394 MASEMCPGTTIDVSAESSSVLCTDGENTVAS 424
rhesus UL78 369 VFSTGGTVSPV 379
human UL78 425 DATVTAL 431

FIG. 3

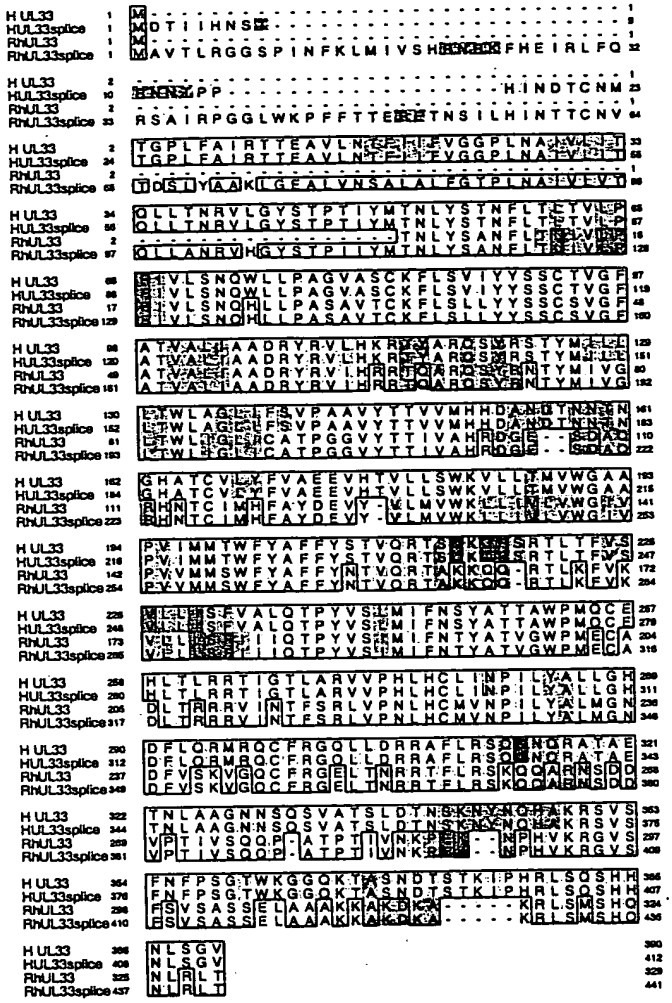

FIG. 4

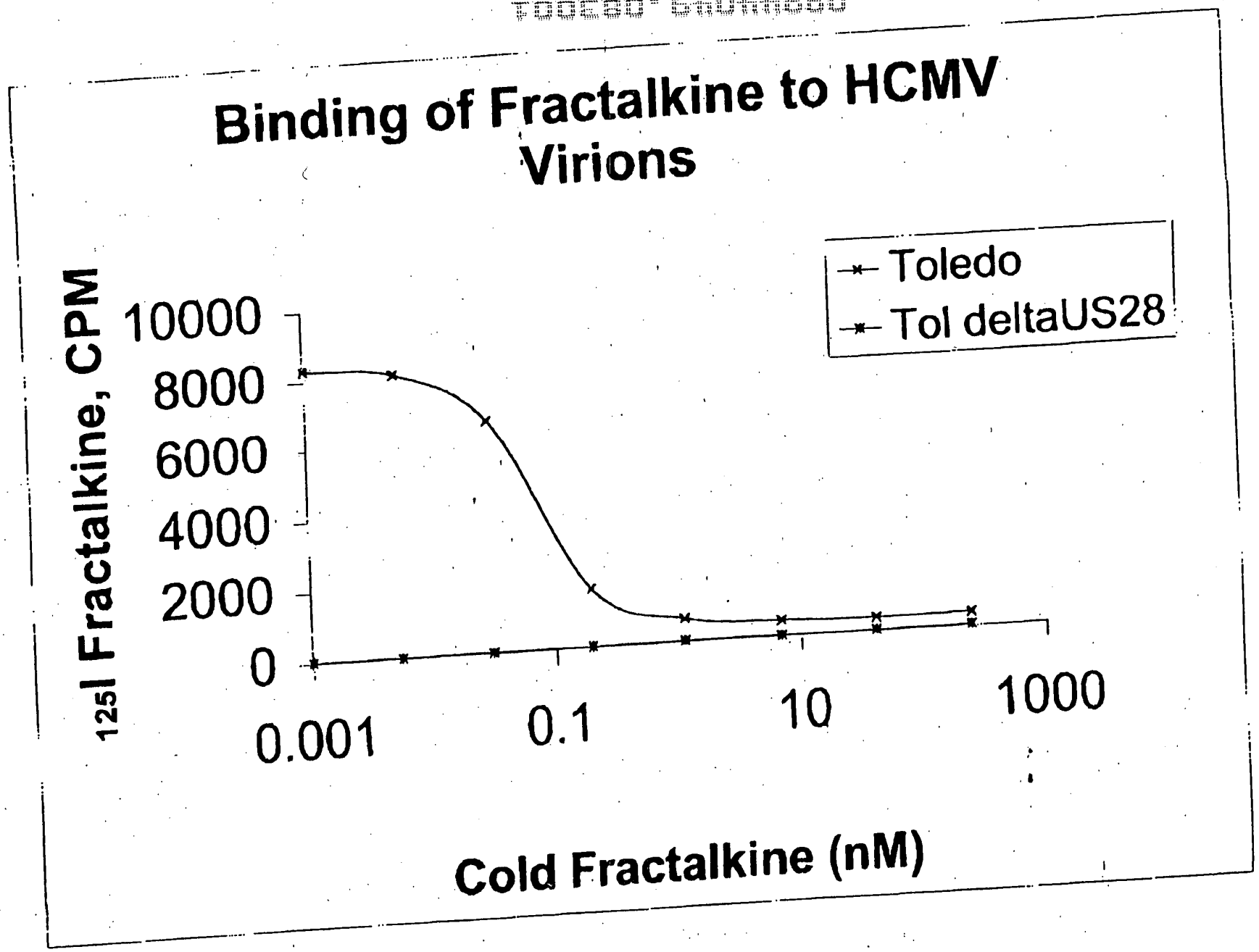
Binding of Fractalkine to HCMV Virions
Toledo
Tol deltaUS28
10000
8000
6000
4000
2000
0
0.001
0.1
10
1000
125I Fractalkine, CPM
Cold Fractalkine (nM)

FIG. 5

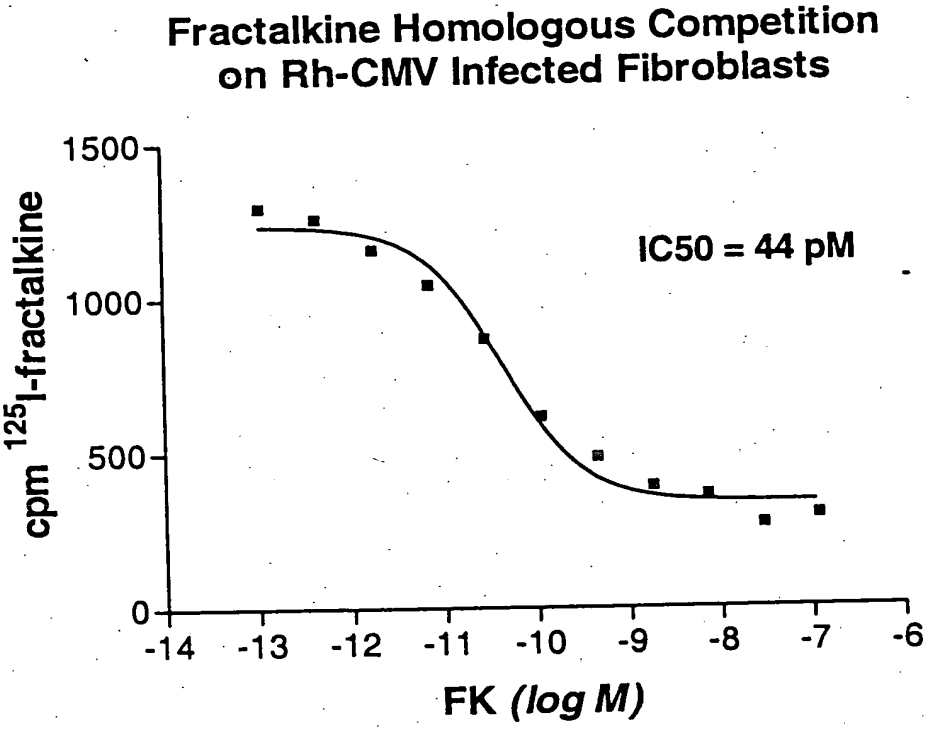
Fractalkine Homologous Competition
on Rh-CMV Infected Fibroblasts
cpm 125I-fractalkine
1500
1000
500
0
IC50 = 44 pM
-14
-13
-12
-11
-10
-9
-8
-7
-6
FK (log M)

FIG. 6

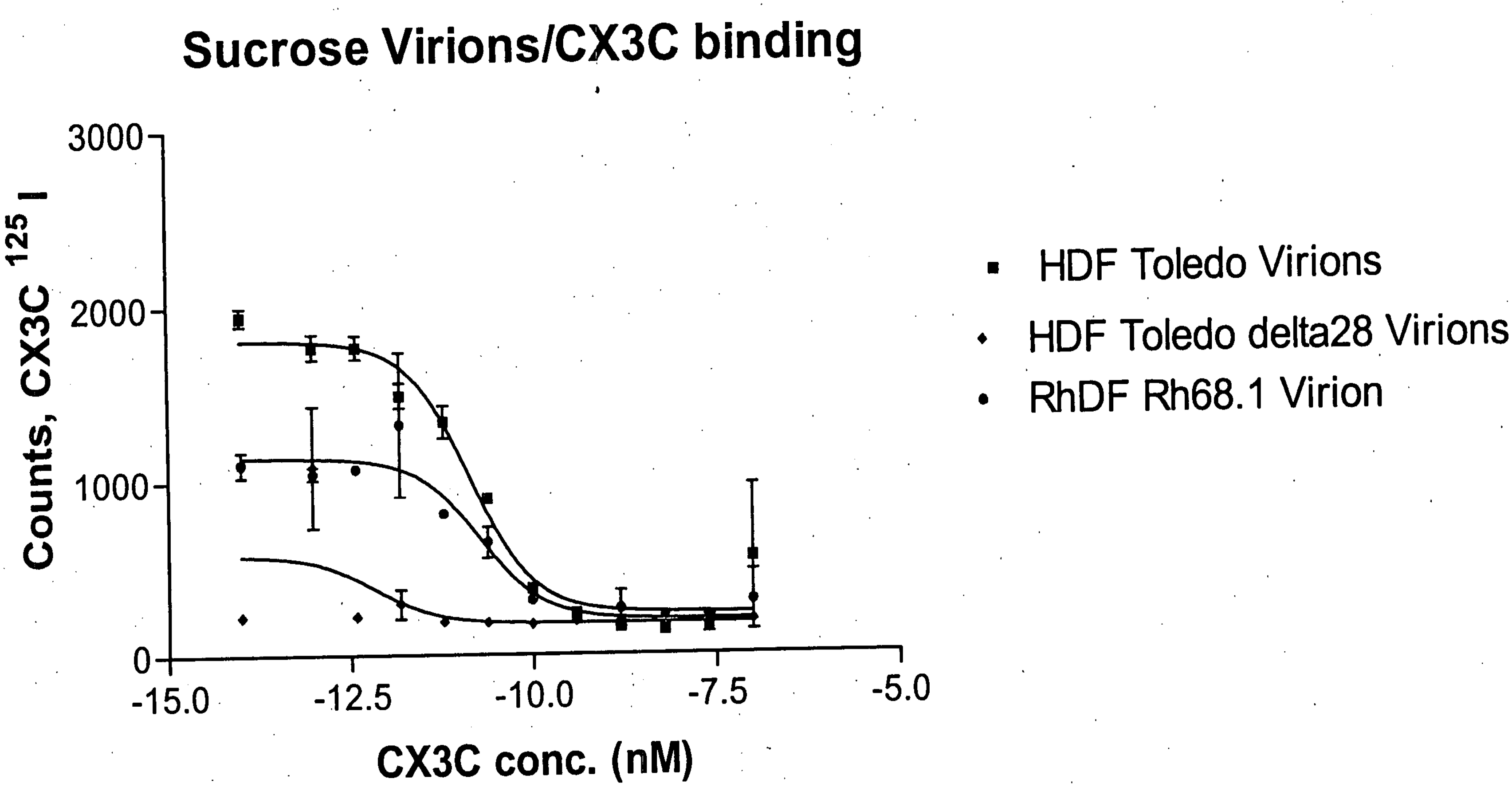
Sucrose Virions/CX3C binding
Counts, CX3C 125 I
3000
2000
1000
0
-15.0
-12.5
-10.0
-7.5
-5.0
CX3C conc. (nM)
HDF Toledo Virions
HDF Toledo delta28 Virions
RhDF Rh68.1 Virion

FIG. 7